

Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)		WSCC	Utility		
Net Exporter or Importer		Exporter	Capacity (MW)	6,018	33
Primary Generating Fuel		Coal	Generation (MWh)	44,699,071	26
Population (as of 7/98)	480,045	51	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	4.31	4	Coal-fired	22	
Industrial	3.38	5	Petroleum-fired	35	
Commercial	5.25	4	Hydroelectric	43	
Residential	6.28	5	Nonutility		
Industry			Capacity (MW)	95	46
Capability (MW)	6,112	36	Share of Capability (Percent) ...	1.5	43
Generation (MWh)	45,347,670	30	Generation (MWh)	648,599	43
Capability/person			Share of Generation (Percent) ..	1	43
(KWe/person)	12.73	1			
Generation/person					
(MWh/person)	94.47	1			
Emissions (Thousand Short Tons)					
Sulfur Dioxide	91	29			
Nitrogen Oxide	191	16			
Carbon Dioxide	49,575	19			
Sulfur Dioxide/sq. mile (Tons)	0.94	37			
Nitrogen Oxides/sq. mile (Tons)	1.96	30			
Carbon Dioxide/sq. mile (Tons)	510.53	32			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Jim Bridger	Coal	PacifiCorp	2,110	24
2. Laramie R Station	Coal	Basin Electric Power Coop	1,668	17
3. Dave Johnston	Coal	PacifiCorp	772	39
4. Naughton	Coal	PacifiCorp	700	35
5. Wyodak	Coal	PacifiCorp	335	20

Table 3. Top Five Utilities Ranked by Retail Sales Revenue Within the State, 1998
(Million Dollars)

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. PacifiCorp	275	50	51	171	3
B. Powder River Energy Corp	56	9	21	27	--
C. Cheyenne Light Fuel & Power Co	37	12	14	11	1
D. Lower Valley Power & Light Inc	24	14	10	--	--
E. High Plains Power, Inc	23	8	4	11	--
Total	416	92	99	220	4
Percentage of Utility Sales	83	73	76	94	40

Table 4. Electric Power Industry Generating Capability by Plant Type, 1988, 1993, and 1998
(Megawatts Electric)

Plant Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	5,682	5,869	6,018	0.6	100.0	100.0	100.0
Coal-fired	5,410	5,567	5,710	0.6	95.2	94.9	94.9
Petroleum-fired	18	15	10	-6.0	0.3	0.3	0.2
Hydroelectric	251	287	298	1.9	4.4	4.9	4.9
Renewable	4	--	--	--	0.1	--	--
Total Nonutility	W	W	95	--	--	--	--
Industry	W	W	6,112	--	--	--	--

Figure 1. Utility Generating Capability by Plant Type, 1998

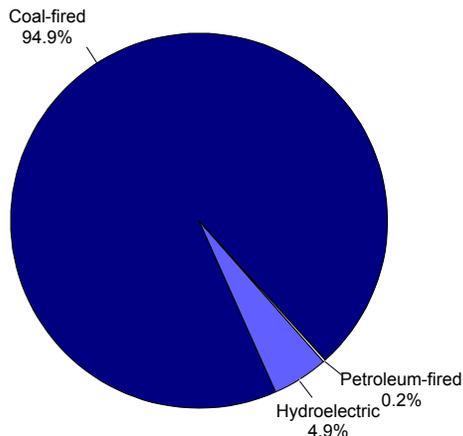


Figure 2. Utility Generation by Primary Energy Source, 1998

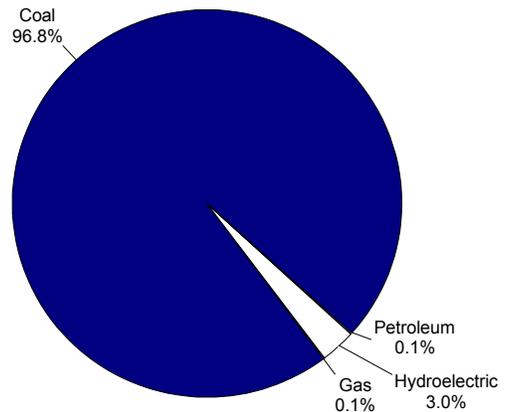


Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	39,147,353	40,154,595	44,699,071	1.5	100.0	100.0	100.0
Coal	38,278,681	39,301,199	43,287,140	1.4	97.8	97.9	96.8
Petroleum	61,832	56,970	42,871	-4.0	0.2	0.1	0.1
Gas	18,018	8,999	26,738	4.5	*	*	0.1
Hydroelectric	788,959	787,427	1,342,322	6.1	2.0	2.0	3.0
Renewable	-138	--	--	--	*	--	--
Total Nonutility Industry	W	W	648,599	--	--	--	--
	W	W	45,347,670	--	--	--	--

Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988, 1993, and 1998
(Cents per Million Btu, 1998 Dollars)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Coal	84.0	79.9	78.6	-0.7
Petroleum	379.7	473.0	405.5	0.7
Gas	367.9	329.7	796.0	8.9

Table 7. Electric Power Industry Emissions Estimates, 1988, 1993, and 1998
(Thousand Short Tons)

Emission Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Sulfur Dioxide	111	76	91	-2.2
Nitrogen Oxides ^c	175	171	191	1.0
Carbon Dioxide ^c	43,307	44,276	49,575	1.5

Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998

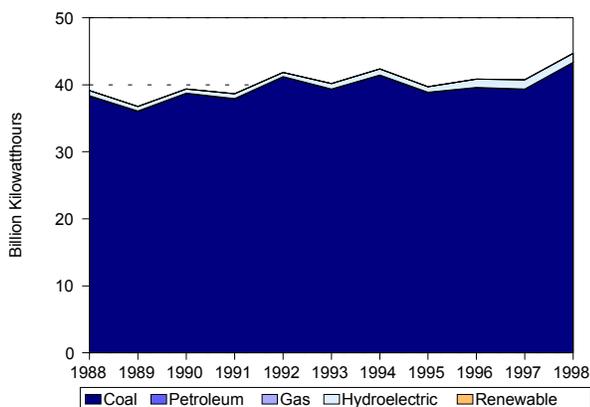


Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998 (1998 Dollars)

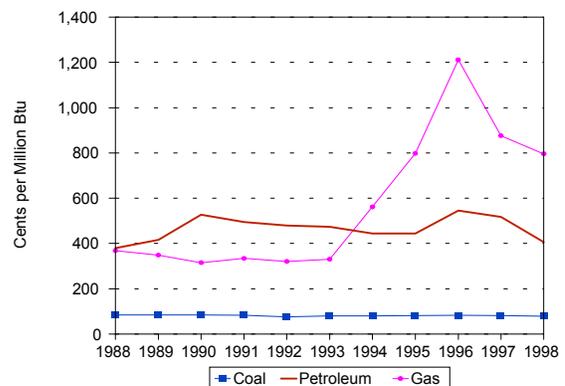


Figure 5. Estimated Sulfur Dioxide Emissions, 1988-1998

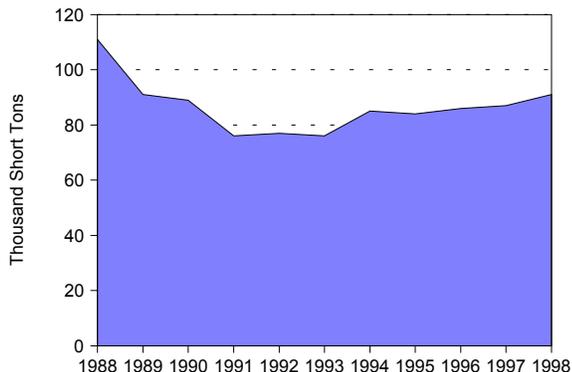


Figure 6. Estimated Nitrogen Oxide Emissions, 1988-1998

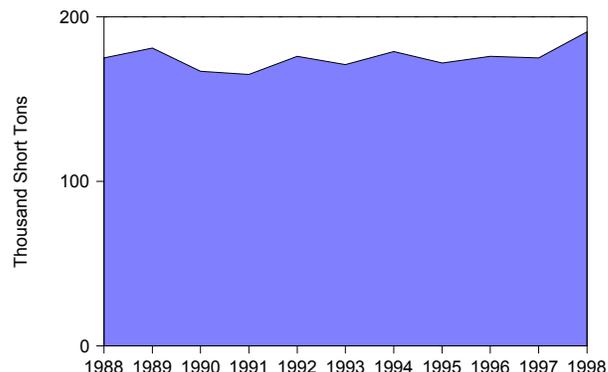


Figure 7. Estimated Carbon Dioxide Emissions, 1988-1998

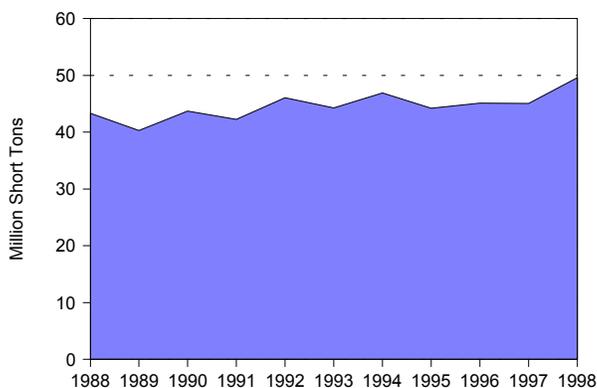


Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	1,764,027	1,906,135	2,012,635	1.5	16.1	16.0	17.3
Commercial ..	2,061,654	2,493,448	2,490,006	2.1	18.8	21.0	21.4
Industrial	6,980,458	7,363,451	6,950,163	*	63.7	61.9	59.7
Other	158,150	122,153	187,762	1.9	1.4	1.0	1.6
Total	10,964,289	11,885,187	11,640,566	0.7	100.0	100.0	100.0

Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998

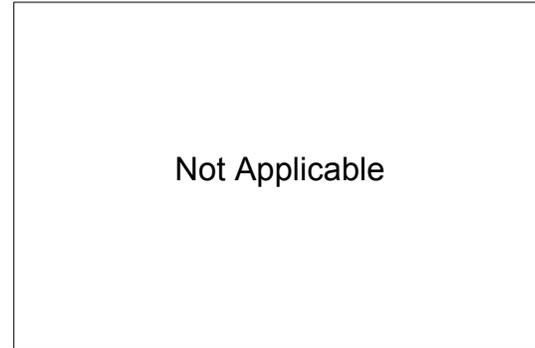


Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998

Item	Investor-Owned	Public	Federal	Cooperative	Total
	1988				
Number of Utilities	7	12	1	17	37
Number of Retail Customers	174,467	22,046	8	47,903	244,424
Retail Sales (MWh)	8,538,593	371,535	29,623	2,024,538	10,964,289
Percentage of Retail Sales	77.9	3.4	0.3	18.5	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	436	24	--	144	604
Percentage of Revenue	72.2	3.9	--	23.9	100.0
1993					
Number of Utilities	6	13	1	17	37
Number of Retail Customers	174,175	22,900	6	50,781	247,862
Retail Sales (MWh)	9,318,930	401,476	26,128	2,138,653	11,885,187
Percentage of Retail Sales	78.4	3.4	0.2	18.0	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	398	24	--	133	556
Percentage of Revenue	71.6	4.4	0.1	24.0	100.0
1998					
Number of Utilities	5	13	1	16	35
Number of Retail Customers	169,298	24,721	7	73,425	267,451
Retail Sales (MWh)	8,437,688	449,777	26,407	2,726,694	11,640,566
Percentage of Retail Sales	72.5	3.9	0.2	23.4	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	337	26	--	139	502
Percentage of Revenue	67.1	5.2	0.1	27.7	100.0